





PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/775,785
Filing Date	February 19, 2004
First Named Inventor	Haixin Yang
Art Unit	4755-1714
Examiner Name	Shesho
Attorney Docket Number	EL0479 US NA

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CS		US- 2,760,863	08-28-1956	Plambeck Jr.	
		US- 2,850,445	09-02-1958	Oster	
		US- 2,875,047	02-24-1959	Oster	
		US- 2,927,022	03-01-1960	Martin et al.	
		US- 3,074,974	01-22-1963	Gebura	
		US- 3,097,096	07-09-1963	Oster	
		US- 3,097,097	07-09-1963	Oster	
		US- 3,145,104	08-18-1964	Oster and Oster.	
		US- 3,380,831	04-30-1968	Cohen et al.	
		US- 3,427,161	02-11-1969	Laridon et al.	
		US- 3,479,185	11-18-1969	Chambers, Jr.	
		US- 3,549,367	12-22-1970	Chang et al.	
		US- 4,162,162	07-24-1979	Dueber	
		US- 5,132,248	07-21-1992	Drummond et al.	
		US- 5,882,722	03-16-1999	Kydd	
		US- 6,017,259	01-25-2000	Motoi et al.	
		US- 6,153,348	11-28-2000	Kydd et al.	
		US- 6,274,412 B1	08-14-2001	Kydd et al.	
		US- 6,379,745 B1	04-30-2002	Kydd et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
CS		EP 0 989 570 A1	03-29-2000	Nakao et al.		
		JP 2000-327964A	11-28-2000	Nakao		
		JP 2002-134878	05-10-2002	Takehiko et al.		

Examiner  
Signature

Catherine Shesho

Date  
Considered

B 4/1/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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**(Use as many sheets as necessary)**

Application Number	10/775,785
Filing Date	February 10, 2004
First Named Inventor	Haixin Yang
Art Unit	<del>1765</del> 1714
Examiner Name	Shosh
Attorney Docket Number	EL0479USNA

Sheet 2 of 3

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Substitute for form 1449B/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/775,785
				Filing Date	February 10, 2004
				First Named Inventor	Haixin Yang
				Art Unit	4755-1714
				Examiner Name	Shasho
Sheet	3	of	3	Attorney Docket Number	EL0479USNA

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C2		EREZ BRUAN, YOAV EICHEN, URI SIVAN & GDALYAHU BEN-YOSEPH, DNA-templated assembly and electrode attachment of a conducting silver wire, Nature, Vol. 391, 19 February 1998, pp. 775-778.	<input type="checkbox"/>
		TOSHIHIKO OGUCHI, KEIKI SUGNAMI, TAIZO NANKE, AND TOSHIKATU KOBAYASHI, Formation of Precise Electrically-Conductive Pattern Using Metal Colloid I-J Ink, IS&T's NIP 19: 2003 International Conference on Digital Printing Technologies, pp. 656-659.	<input type="checkbox"/>
		R.W. WEST, E.P. TWEEDELL, AND R.C. BUCHANAN, Ink Jet Printing of Hybrid Circuits, Int. J. Hybrid Microelectron., Vol. 6, 1983, pp. 261-267.	<input type="checkbox"/>
		K.F. TENG, MEMBER, IEE, AND ROBERT W. VEST, Metallization of Solar Cells with Ink Jet Printing and Silver Metal-Organic Inks, IEEE Transactions on Components, Hybrids, and Manufacturing Technology, Vol. 11, No. 3, September 1988, pp. 291-297.	<input type="checkbox"/>
		KEIICKI NAKAO (Matsushita Electroni Industrial Co., Ltd), Conductor Links for Printing Electrodes of Electronic Devices, Ink-Jet Printing Apparatus, and Cleaning Solvents Therefor, Jpn. Kokai Tokkyo Koho (2000), JP 2000327964A.	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Caene Shasho	Date Considered	4/1/06
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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